

## EAST Search History

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------|------------------|---------|------------------|
| L1    | 1066 | 702/150.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/01/02 14:40 |
| L2    | 666  | 702/41-43.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/01/02 14:41 |
| L3    | 555  | 702/173-174.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/01/02 14:41 |
| L4    | 0    | 705/218.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/01/02 14:41 |
| L5    | 175  | 405/218.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/01/02 14:41 |
| L6    | 703  | 405/224.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/01/02 14:41 |
| L7    | 0    | (1 or 2 or 3 or 5 or 6) and gantry and construction and structure and elongage and anchorage and unbonded near1 cable and location and actuator and physical and communicating and interface and controller and load\$3 and force.clm. | USPAT              | OR               | ON      | 2008/01/02 14:44 |
| S2    | 1    | gantry and construction and (bridge or viaduct) and structure and unbonded near1 cable and anchorage and secur\$3 and sensor and physical and interface and actuator and computer  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 12:27 |
| S3    | 1    | gantry and construction and (bridge or viaduct) and structure and unbonded near1 cable and anchorage and computer  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 12:28 |
| S4    | 257  | gantry and construction and (bridge or viaduct) and structure and computer   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 12:28 |
| S5    | 4    | S4 and anchorage   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 22:18 |
| S6    | 257  | S4 and computer  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 12:37 |
| S7    | 152  | S6 and sensor  | US-PGPUB;<br>USPAT | OR               | ON      | 2008/01/02 13:08 |
| S8    | 81   | S7 and actuator  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 12:37 |
| S9    | 45   | S8 and code  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 12:37 |
| S10   | 20   | S9 and force   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/03 20:01 |

## EAST Search History

|     |   |                             |                              |    |     |                  |
|-----|---|-----------------------------|------------------------------|----|-----|------------------|
| S11 | 1 | ("6751821").PN.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/03 20:57 |
| S12 | 1 | ("4894908").PN.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/03 20:57 |
| S13 | 1 | S12 and structure           | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/03 20:58 |
| S14 | 0 | S13 and cable               | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/03 20:57 |
| S15 | 0 | S13 and anchor\$3           | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/03 20:59 |
| S16 | 1 | S13 and computer            | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/03 20:59 |
| S17 | 1 | S16 and sensor              | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/03 20:59 |
| S18 | 1 | ("5154561").PN.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/03 22:32 |
| S19 | 1 | S18 and cable and anchor\$3 | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/03 22:35 |
| S20 | 1 | S18 and sensor              | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/03 22:57 |
| S21 | 1 | S18 and (program or code)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/04 02:03 |
| S22 | 1 | ("5154561").PN.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/04 02:03 |
| S23 | 0 | S22 and wireless            | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/04 02:03 |
| S24 | 1 | ("5154561").PN.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/04 07:29 |

## EAST Search History

|     |    |  |                              |    |     |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| S25 | 50 | (("4497153") or ("4630798") or ("20060174427") or ("4092811") or ("4246924") or ("4353451") or ("4442646") or ("4484841") or ("4512738") or ("4757650") or ("4771582") or ("4972537") or ("5228650") or ("5342568") or ("5493828") or ("5738066") or ("5921628") or ("7197854") or ("20050115179") or ("5495222") or ("4038765") or ("4339225") or ("4401398") or ("4468160") or ("4509895") or ("4600136") or ("4608743") or ("5024571") or ("5310991") or ("5370218") or ("5757125") or ("5786557") or ("5911888") or ("6261043") or ("6407505") or ("6659226") or ("6819073") or ("20020040829") or ("20030094915") or ("20070095776") or ("20070095777") or ("20070175849") or ("4084498") or ("4105382") or ("5522192") or ("4542877") or ("5958549") or ("3597830") or ("3577692") or ("3572674")).PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/01/02 14:40 |
|-----|----|--|------------------------------|----|-----|------------------|